11/28/23
A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 For Week Ended NOVEMBER 18, 1983 NO. 46

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/18/83	Last Week Ending: 11/11/83	Last Year Week Ending: 11/19/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,486	12,019	12,338	+ 467	+ 148
Operable capacity	16,309	16,309	16,663	0	- 354
Percent operated	76.6	73.7	74.0		
Motor Gasoline					
Total motor gasoline production	6,715	6,667	6,273	+ 48	+ 442
Finished leaded motor gasoline production	2,916	2,792	N/A	+ 124	N/A
Finished unleaded motor gasoline production	3,799	3,875	N/A	- 76	N/A
Total motor gasoline stocks	230,373	227,540	228,356	+ 2,833	+ 2,017
Finished leaded motor gasoline stocks	92,604	93,213	N/A	- 609	N/A
Finished unleaded motor gasoline stocks	98,247	95,138	93,592	+ 3,109	+ 4,655
Distillate Fuel Oil					
Distillate fuel oil production	2,740	2,605	2,906	+ 135	- 166
Distillate fuel oil stocks	162,861	164,174	180,084	- 1,313	- 17,223
Residual Fuel Oil					
Residual fuel oil production	734	717	1,080	+ 17	- 346
Residual fuel oil stocks	49,035	47,881	63,656	+ 1,154	- 14,621
Imports					
Crude oil imports	2,847	3,765	4,135	- 918	- 1,288
Product imports	1,912	1,827	1,803	+ 85	+ 109
Crude Oil Stocks					
Crude oil stocks	354,335	360,901	347,498	- 6,566	+ 6,837

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	861	834	85[illegible]	1,229	69.7
Appal. No. 1	90	81	81	177	45.8
DISTRICT 1 TOTAL	951	915	938	1,406	66.7
Appal. No. 2	65	63	65	66	98.5
Ind., Ill., Ky.	1,943	1,888	1,916	2,345	81.7
Minn., Wis., Daks.	301	291	302	296	102.0
Okla., Kans., Mo.	676	633	640	827	77.4
DISTRICT 2 TOTAL	2,985	2,875	2,923	3,534	82.7
Inland Texas	631	518	527	585	90.1
Texas Gulf Coast	3,451	3,034	3,162	3,907	80.9
La. Gulf Coast	2,230	2,084	2,094	2,890	72.5
N. La. and Ark.	208	193	194	286	67.8
New Mexico	70	58	59	105	56.2
DISTRICT 3 TOTAL	6,590	5,887	6,036	7,773	77.7
DISTRICT 4 TOTAL	437	426	429	536	80.0
DISTRICT 5 TOTAL	2,063	2,131	2,160	3,060	70.6
TOTAL U.S.	13,026	12,234	12,486	16,309	76.6
TOTAL U.S. Weeks Ended:					
NOV. 11, 1983	12,705	11,832	12,019	16,309	73.7
NOV. 19, 1982	13,272	11,895	12,338	16,663	74.0
DISTRICTS 1-4 Weeks Ended:					
NOV. 18, 1983	10,963	10,103	10,326	13,[illegible]49	77.9
NOV. 11, 1983	10,625	9,701	9,888	13,249	74.6
NOV. 19, 1982	11,122	9,891	10,294	13,580	75.8

API WEEKLY STATISTICAL BULLETIN
Week Ended *NOVEMBER* 18, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	508	167	341	14	28	164	88
Appal. No. 1	40	17	23	1	--	23	4
DISTRICT 1 TOTAL	548	184	364	15	28	187	92
Appal. No. 2	39	20	19	2	--	16	16
Ind., Ill., Ky.	1,199	496	703	13	77	418	46
Minn., Wis., Daks.	167	100	67	2	13	82	9
Okla., Kans., Mo.	412	247	165	9	11	183	8
DISTRICT 2 TOTAL	1,817	863	954	26	101	699	79
Inland Texas	320	169	151	23	16	117	18
Texas Gulf Coast	1,623	596	1,027	50	224	721	173
La. Gulf Coast	1,096	475	621	15	229	441	81
N. La. and Ark.	63	29	34	3	--	58	9
New Mexico	28	14	14	3	1	16	1
DISTRICT 3 TOTAL	3,130	1,283	1,847	94	470	1,353	282
DISTRICT 4 TOTAL	243	153	90	12	17	143	10
DISTRICT 5 TOTAL	977	433	544	46	226	358	271
TOTAL U.S.	6,715	2,916	3,799	193	842	2,740	734
TOTAL U.S. Weeks Ended:							
NOV. 11, 1983	6,667	2,792	3,875	194	845	2,605	717
NOV. 19, 1982	6,273	*N/A*	*N/A*	168	818	2,906	1,080
DISTRICTS 1-4 Weeks Ended:							
NOV. 18, 1983	5,738	2,483	3,255	147	616	2,382	463
NOV. 11, 1983	5,623	2,350	3,273	153	621	2,245	475
NOV. 19, 1982	5,312	*N/A*	*N/A*	119	639	2,551	711

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,412	2,574	2,837	1	62	540	13,626	1,773	--
Central Atlantic	28,993	10,907	13,930	4,156	373	5,343	43,803	19,959	14,446
Lower Atlantic	28,053	13,984	13,790	279	126	3,833	14,894	3,523	492
DISTRICT 1 TOTAL	62,458	27,465	30,557	4,436	561	9,716	72,323	25,255	14,938
DISTRICT 2 TOTAL	66,502	29,622	29,449	7,431	1,537	8,012	41,646	3,363	17,950
DISTRICT 3 TOTAL	68,390	23,168	26,055	19,167	2,496	12,018	35,548	12,068	50,960
DISTRICT 4 TOTAL	6,659	3,264	1,786	1,609	289	567	2,602	421	3,059
DISTRICT 5 TOTAL	26,364	9,085	10,400	6,879	1,364	5,615	10,742	7,928	24,572
TOTAL U.S.	230,373	92,604	98,247	39,522	6,247	35,928	162,861	49,035	111,479
TOTAL U.S.									
Weeks Ended:									
NOV. 11, 1983	227,540	93,213	95,138	39,189	6,290	36,372	164,174	47,881	111,379
NOV. 19, 1982	228,356	*N/A*	93,592	*N/A*	6,092	34,281	180,084	63,656	110,920
DISTRICTS 1-4									
Weeks Ended:									
NOV. 18, 1983	204,009	83,519	87,847	32,643	4,883	30,313	152,119	41,107	86,907
NOV. 11, 1983	201,503	84,396	84,800	32,307	4,745	30,804	153,811	40,488	87,675
NOV. 19, 1982	200,755	*N/A*	83,485	*N/A*	4,788	28,420	170,084	55,517	86,300

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *NOVEMBER* 18, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *JUNE* 1983	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
NOV. 18, 1983	5,826.0	5,840.0	2,603	291	271,956
NOV. 11, 1983	5,826.0	--	3,497	320	276,924●
NOV. 4, 1983	5,823.0	--	2,809	262	271,639
OCT. 28, 1983	5,823.0	--	3,496	221	260,774
DISTRICT 5 TOTAL					
NOV. 18, 1983	2,829.7	2,808.0	244	7	82,379 *
NOV. 11, 1983	2,829.7	--	268	--	83,977
NOV. 4, 1983	2,847.0	--	160	7	83,400
OCT. 28, 1983	2,847.0	--	126	7	82,767
TOTAL U.S.					
NOV. 18, 1983	8,655.7	8,648.0	2,847	298	354,335 *
NOV. 11, 1983	8,655.7	--	3,765	320	360,901●
NOV. 4, 1983	8,670.0	--	2,969	269	355,039
OCT. 28, 1983	8,670.0	--	3,622	228	343,541
NOV. 19, 1982	8,690.3	--	4,135	188	347,498

*INCLUDES 25,129 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
NOV. 18, 1983	17,098	78,874	163,368	12,616	271,956	82,379 *	354,335 *
NOV. 11, 1983	18,914●	78,008	167,424	12,578	276,924●	83,977	360,901●
NOV. 19, 1982	17,101	74,372	159,440	12,349	263,262	84,236	347,498

[1]See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7

API WEEKLY STATISTICAL BULLETIN
Week Ended *NOVEMBER* 18, 1983

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	57	87	2	--	--	146
Central Atlantic	270	182	88	--	31	186	430	31	87	86	1,121
Lower Atlantic	94	16	78	--	--	30	83	--	--	--	207
DISTRICT 1 TOTAL											
NOV. 18, 1983	364	198	166	--	31	273	600	33	87	86	1,474
NOV. 11, 1983	245	158	87	--	25	212	680	36	157	60	1,415
NOV. 4, 1983	289	159	130	--	32	283	768	2	82	91	1,547
OCT. 28, 1983	176	52	124	--	25	168	372	--	65	33	839
DISTRICTS 2–4 TOTAL											
NOV. 18, 1983	8	8	--	--	1	49	40	156	87	25	366
NOV. 11, 1983	7	7	--	--	2	24	60	120	89	20	322
NOV. 4, 1983	9	9	--	--	2	20	56	143	150	62	442
OCT. 28, 1983	55	55	--	--	9	24	100	93	102	109	492
DISTRICT 5 TOTAL											
NOV. 18, 1983	25	15	10	--	2	3	12	19	--	11	72
NOV. 11, 1983	50	41	9	--	3	3	17	7	--	10	90
NOV. 4, 1983	33	20	13	--	4	4	18	5	--	10	74
OCT. 28, 1983	23	2	21	--	2	3	11	6	--	23	68
TOTAL U.S.	397	221	176	--	34	325	652	208	174	122	1,912
TOTAL U.S. Weeks Ended:											
NOV. 11, 1983	302	206	96	--	30	239	757	163	246	90	1,827
NOV. 4, 1983	331	188	143	--	38	307	842	150	232	163	2,063
OCT. 28, 1983	254	109	145	--	36	195	483	99	167	165	1,399
NOV. 19, 1982	151	*N/A*	66	12	48	105	893	294	192	101	1,803

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

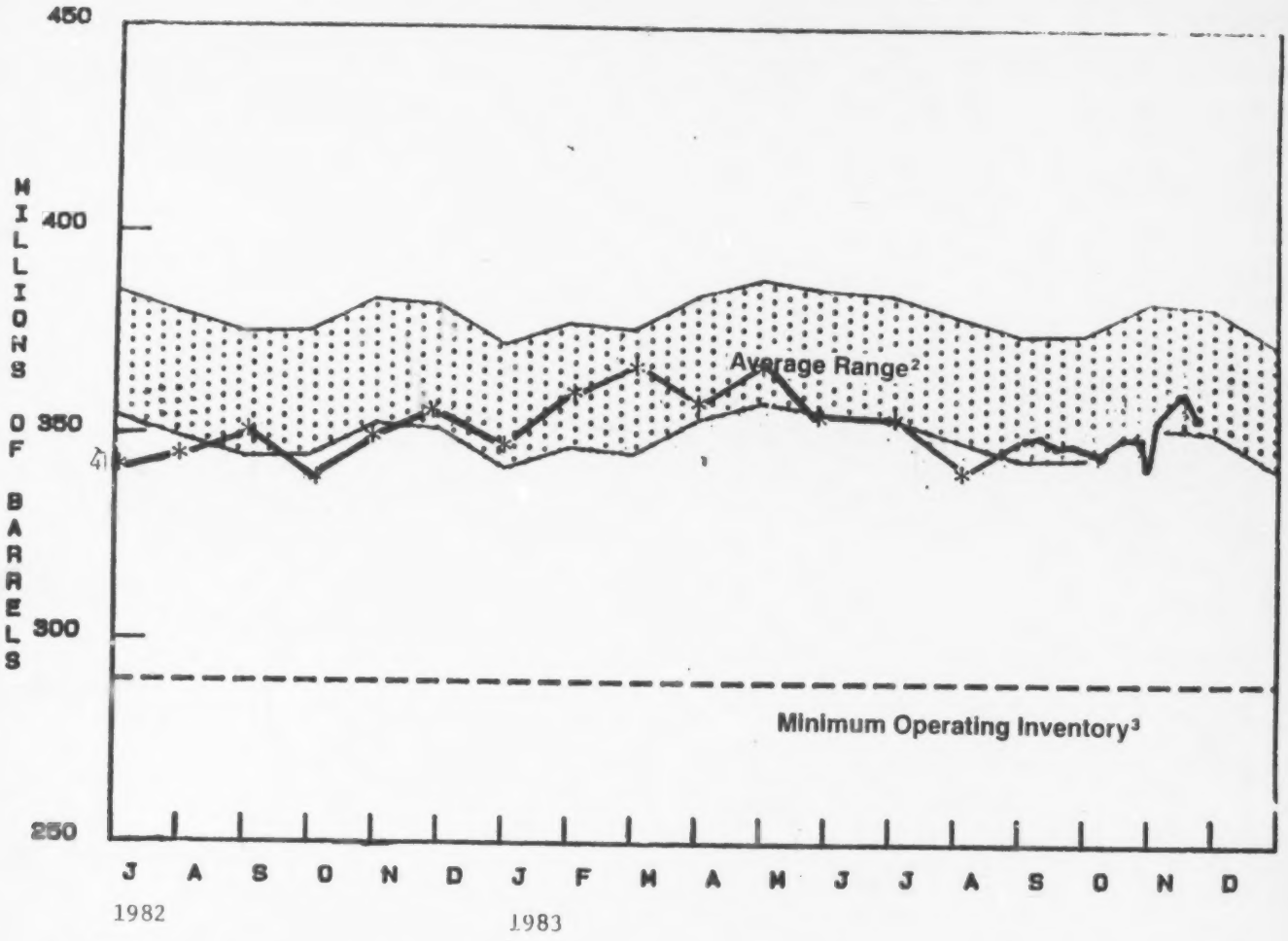
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 18, 1983

REVISIONS

11/11/83	PAGE 4 TOP	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	276,924
			TOTAL U.S.	360,901
	PAGE 4 BOTTOM	TOTAL	PAD DISTRICT 1	18,914
		TOTAL	TOTAL PAD DISTRICTS 1-4	276,924
		TOTAL	TOTAL U.S.	360,901

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

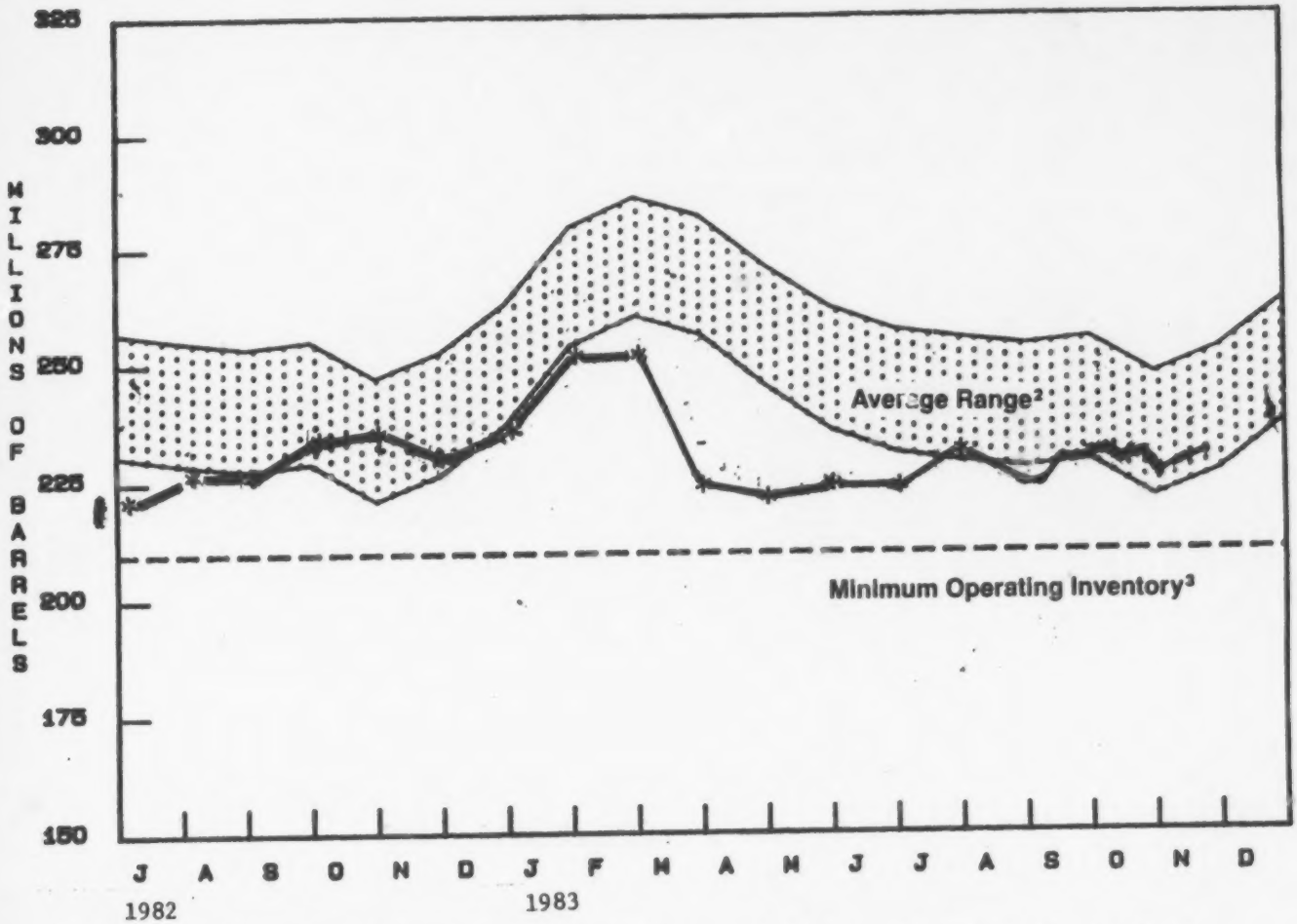
[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

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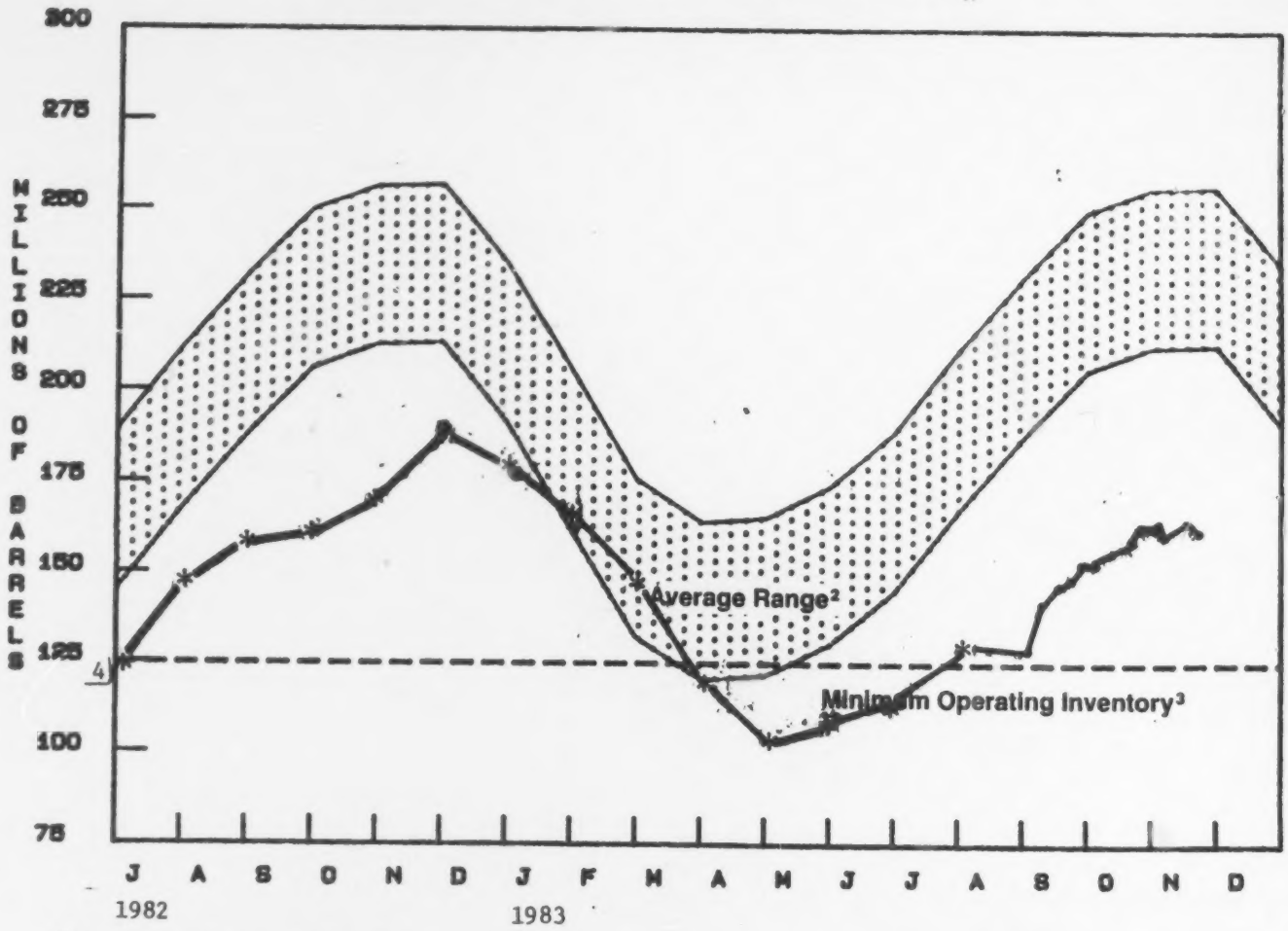
Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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•— API, "Weekly Statistical Bulletin."

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